

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

DESIGN OVERSIGHT

BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY

CHECKED BY

DATE 01/10

DATE 01/10

REVISED BY

DATE REVISED

406

254

76

540

508

NPX

1

FRONT VIEW

FRONT PANEL

203

203

E

1

SIDE VIEW

25 x 80

32 x 80

32 x 80

32 x 80

25 x 80

F

B

D

INSIDE PANEL LAYOUT

MATERIAL LIST

ITEM	DESCRIPTION	QTY.
A	Enclosure, galvanized steel, NEMA 12, with interior panel 375 x 327	1
B	65 Point Terminal blocks, rated 300 V, feed-through modular terminal block with screw connection, cross section 0.2-4 mm ² , width 5.2 mm, on DIN rail with (2) end clamps	4
C	Nameplate to be white Iamicaid with black core, size 19 x 80, lettering to be 3 mm condensed gothic. (See nameplate Schedule below for engravings).	-
D	Noise suppressor, termination resistor	50
E	Back Panel, metal, bond to enclosure ground lug	1
F	Plastic Wireway	5

NAMEPLATE SCHEDULE

ITEM NO.	LINE 1	LINE 2	QTY.
NP1	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-09W	
NP2	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-10W	
NP3	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-11W	
NP4	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-12W	
NP5	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-13W	
NP6	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-SUB. WB	
NP7	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-14W	
NP8	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-15W	
NP9	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-16W	
NP10	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-17W	
NP11	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-18W	
NP12	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-19W	
NP13	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-20W	
NP14	TELEPHONE COMMUNICATIONS	TERM. BOX. TEL-21W	

Threaded hole for 4-40 machine screw

NOTE: Nameplates shall be mounted to the enclosure front panel with 4-40 stainless steel machine screws. The control panel to be drilled and tapped (no self-tapping screws).

Caltrans

etric

Syn Yee Chin

03/08/10

REGISTERED ELECTRICAL ENGINEER

DATE

05-06-2010

PLANS APPROVAL DATE

PB AMERICAS, Inc.

A Parsons Brinckerhoff Company

303 Second St., Suite 700N

San Francisco, CA 94107-1317

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NOTES:

1. Contractor shall furnish and install a Back Panel in each telephone terminal box. (See Material List Item #E). Bond back panel to ground lug.

2. Contractor shall furnish and install four -65 point terminal blocks and 5 plastic wireways in each telephone terminal box (See Material List Item #B and #F).

3. Contractor shall furnish and install a nameplate on each telephone terminal box. (See nameplate schedule listed on this drawing).

4. Contractor shall furnish and install 50 telephone circuit noise suppressors in each telephone terminal box.

5. See plan sheet E-964 for telephone terminal box terminations.

SHEET NOTES:

1 Existing Enclosure.

2 Contractor to provide and install a name plate to be mounted below the existing one, with Line 2 engraved.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

03/08/10

MEP INTEGRATION

JE

SYC

110

MARK

DATE

DESCRIPTIONS

BY

CH'D

CCO#

REVISIONS

CONTRACT CHANGE ORDER NO. _____

SHEET _____ OF _____

DETAILS

SCADA REMOTE TERMINAL UNIT SYSTEM

TELEPHONE TERMINAL BOX ASSEMBLY

WESTBOUND

NO SCALE

E-960

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

0 20 40 60 80

DGN FILE =>04-0120f1_E-960.dgn
USERNAME =>iloric

CU 04251

EA 0120F1

DATE PLOTTED => 06-MAY-2010
TIME PLOTTED => 19:12

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